

Serine Protease Assay Kit

FLISP FAM-Phe-CMK Serine Protease Assay Kit

CATALOG #
AAA50323

APPLICATIONS
Immunofluorescence, Flow Cytometry, Functional Assay

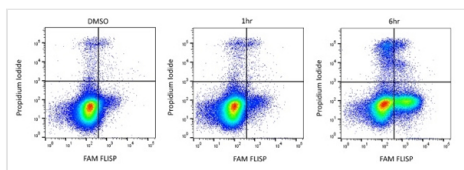
PRODUCT SYNONYMS

Serine Protease; FLISP FAM-Phe-CMK Serine Protease Assay Kit; Serine Protease Assay Kit; Serine Protease assay kit

PRODUCT SPECIFICATIONS

Conjugation	FAM (Green Fluorescence)
Applicable Applications for Serine Protease assay kit	IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Preparation and Storage	Store the unopened kit (and each unopened component) according to the storage instructions on each component label. Store the FLISP reagent at -20 degree C. Once reconstituted in DMSO, the FLISP stock should be stored at -20 degree C for 6 months, protected from light. Avoid repeated freezing and thawing.

IMAGES



Application Data

Jurkat cells were treated as shown with 1mM staurosporine to induce apoptosis. The cells were then stained using the FLISP FAM-Phe-DAP Serine Protease Assay Kit including propidium iodide. Apoptotic cells positive for serine protease activity can be seen in the bottom right quadrant and dead cells positive for both serine protease and PI in the top right quadrant. Healthy cells are negative for both stains. Data acquired on the ZE5 Cell Analyzer.

ADDITIONAL INFORMATION

Related Product Information for Serine Protease assay kit

Fluorescent Labeled Inhibitors of Serine Protease (FLISP) kits allow the analysis of intracellular chymotrypsin-like serine protease activity in live cells. Serine protease activation plays major roles in several different cellular functions including apoptosis, tumor malignancy and as prognostic indicators of breast, head and neck carcinomas. Serine proteases are also thought to play a role in infections and transplant rejection.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/assay-kits/serine-protease/50323>